AB      The title compound (I) was prepared in six steps from m-anisaldehyde and
        resolved via its bis-L-menthoxycarboxylate.
ST      spirobiindandiol prepn resoln
IT      Resolution (separation)
            (of 1,1'-spirobiindan-7,7'-diol via its bis-L-menthoxycarboxylate)
IT      591-31-1, m-Anisaldehyde
        RL: RCT (Reactant); RACT (Reactant or reagent)
            (condensation with acetone)
IT      67-64-1, Acetone, reactions
        RL: RCT (Reactant); RACT (Reactant or reagent)
            (condensation with m-anisaldehyde)
IT      223137-67-5P
        RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
        (Reactant or reagent)
            (preparation and bromination of)
IT      **223259-61-8P 223259-91-4P**
        RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
        (Reactant or reagent)
            (preparation and conversion to diol)
IT      223137-76-6P
        RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
        (Reactant or reagent)
            (preparation and debromination of)
IT      223137-81-3P
        RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
        (Reactant or reagent)
            (preparation and demethylation of)
IT      116836-15-8P
        RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
        (Reactant or reagent)
            (preparation and hydrogenation of)
IT      223137-87-9P
        RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
        (Reactant or reagent)
            (preparation and resolution of)
IT      223137-71-1P
        RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
        (Reactant or reagent)

(preparation and spirocyclization of)
IT   223259-62-9P   223259-63-0P
     RL: PUR (Purification or recovery); SPN (Synthetic preparation); PREP
     (Preparation)
         (preparation of)
RE.CNT  20     THERE ARE 20 CITED REFERENCES AVAILABLE FOR THIS RECORD

RE
(1)  Baker, W; J Chem Soc 1934, P1678 CAPLUS
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(8)  Grubbs, R; Tetrahedron Lett 1977, P1879 CAPLUS
(9)  Hagishita, S; Bull Chem Soc Jpn 1971, V44, P496 CAPLUS
(10) Hardeggar, E; J Am Chem Soc 1959, V81, P2729
(11) Hill, R; J Am Chem Soc 1973, V95, P1229 CAPLUS
(12) Hoeve, W; J Org Chem 1980, V45, P2930
(13) Kazlauskas, R; J Am Chem Soc 1989, V111, P4953 CAPLUS
(14) Miyashita, A; Tetrahedron 1984, V40, P1245 CAPLUS
(15) Prelog, V; Helv Chim Acta 1983, V66, P2274 CAPLUS
(16) Rheingold, A; University of Delaware
(17) Rosini, C; Synthesis 1992, P503 CAPLUS
(18) Srivastava, N; J Chem Soc, Chem Commun 1992, P493 CAPLUS
(19) Tanaka, T; Heterocycles 1987, V25, P463 CAPLUS
(20) Whitesell, J; Chem Rev 1989, V89, P1581 CAPLUS

IT   **223259-61-8P 223259-91-4P**
     RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
     (Reactant or reagent)
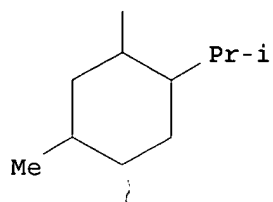         (preparation and conversion to diol)
RN   223259-61-8  CAPLUS
CN   Carbonic acid, (1R)-2,2',3,3'-tetrahydro-1,1'-spirobi[1H-indene]-7,7'-diyl
     bis[(1R,2S,5R)-5-methyl-2-(1-methylethyl)cyclohexyl] ester (9CI)   (CA
     INDEX NAME)
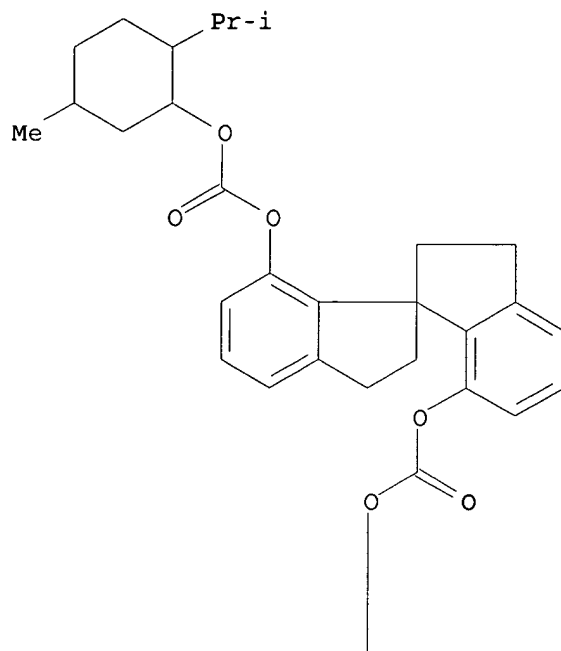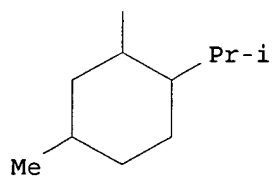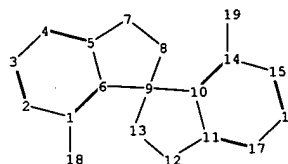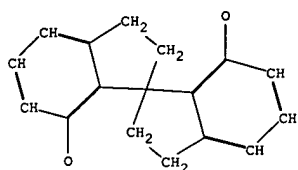
Pr-i

Me
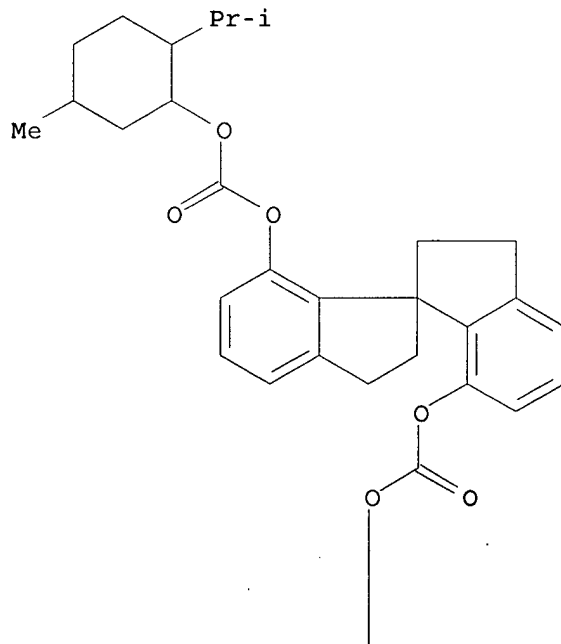
RN    223259-91-4   CAPLUS
CN    Carbonic acid, (1S)-2,2',3,3'-tetrahydro-1,1'-spirobi[1H-indene]-7,7'-diyl
      bis[(1R,2S,5R)-5-methyl-2-(1-methylethyl)cyclohexyl] ester (9CI)   (CA
      INDEX NAME)

Pr-i

Me

O

O

O

O

O

O

Pr-i

Me

chain nodes :
     18   19
ring nodes :
     1   2   3   4   5   6   7   8   9   10   11   12   13   14   15   16   17
chain bonds :
     1-18   14-19
ring bonds :
     1-2   1-6   2-3   3-4   4-5   5-6   5-7   6-9   7-8   8-9   9-10   9-13   10-11   10-14
     11-12   11-17   12-13   14-15   15-16   16-17
exact/norm bonds :
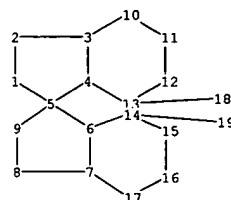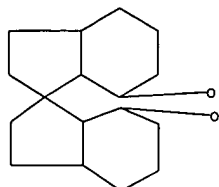     1-18   5-7   6-9   7-8   8-9   9-10   9-13   11-12   12-13   14-19
normalized bonds :
     1-2   1-6   2-3   3-4   4-5   5-6   10-11   10-14   11-17   14-15   15-16   16-17


Match level :
     1:Atom    2:Atom    3:Atom    4:Atom    5:Atom    6:Atom    7:Atom    8:Atom    9:Atom
     10:Atom    11:Atom    12:Atom    13:Atom    14:Atom    15:Atom    16:Atom    17:Atom
     18:CLASS    19:CLASS

chain nodes :
    18   19
ring nodes :
    1   2   3   4   5   6   7   8   9   10   11   12   13   14   15   16   17
chain bonds :
    13-18   14-19
ring bonds :
    1-2   1-5   2-3   3-4   3-10   4-5   4-13   5-6   5-9   6-7   6-14   7-8   7-17   8-9
    10-11   11-12   12-13   14-15   15-16   16-17
exact/norm bonds :
    1-2   1-5   2-3   3-4   3-10   4-5   4-13   5-6   5-9   6-7   6-14   7-8   7-17   8-9
    10-11   11-12   12-13   13-18   14-15   14-19   15-16   16-17

Match level :
    1:Atom   2:Atom   3:Atom   4:Atom   5:Atom   6:Atom   7:Atom   8:Atom   9:Atom
    10:Atom   11:Atom   12:Atom   13:Atom   14:Atom   15:Atom   16:Atom   17:Atom
    18:CLASS   19:CLASS